Applicant : Roger Thomas
Serial No. : 10/729,232
Attorney's Docket No.: P-US-PR 1111

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Amendments to the Specification

Please replace paragraph [0010] with the following amended paragraph:

[0010]Referring to [figure] Figure 3, the deflector 26 in accordance with the present invention is shown. The deflector 26 comprises two sections 28, 30. The first outer section 28 is a tube of circular cross-section which, when the deflector 26 is inserted into the aperture 24 of the planer, projects [sidewaysly] from the body 2 of the planer as shown in Figure 2. The second section 30 is a curved section. The curved section has a substantially [U shaped] U-shaped cross-section which forms a trough 31 which curves over its length. The sides 32 of the Ushaped curved trough 31 have been flattened as best seen in [figures] Figures 4 and 5. This results in a ridge 34 along the length of the curved section 30 where the flat surface 32 meets with a curved surface 36 of the [U shaped] U-shaped cross section. The shape of the crosssection of the curved section 30 of the deflector 26 is such that it fits snugly into the aperture 24 in the side wall of the body 2 of the planer in order to hold the deflector securely and prevent it from rotating within the aperture 24. Formed between the two sections 28, 30 is an annular rib 38 which surrounds the circumference of the deflector 26. The outer diameter of the annular rib 38 is greater than the diameter of the aperture 24 and thus prevents the deflector 26 from being inserted too far into the planer. When the deflector [24] 26 is located within the body 2 of the planer, the rib 38 abuts against a side wall of the body 2 of a planer, the tubular section 28 remaining outside of the body. The rib 38 is angled as shown by axis 35 in relation to the longitudinal axis 33 of the tubular section 28 so that it is less than ninety degrees as shown in Figure 3. This is to allow the tubular section to point upwards when located within the body of the planer. The deflector 26 is formed as a one-piece construction and is made from plastic [moulded] molded into the appropriate shape.

Please replace paragraph [0011] with the following amended paragraph:

[0011] Mounted on the drive spindles of the motor is [of] a fan (not shown) which generates an airflow. The air is directed into a cavity 40 formed in the body of the planer. The air then passes through a conduit 42 over the top wall 44 which forms the top wall of the aperture

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24. The direction of the airflow is indicated by the Arrows W. The airflow is then directed downwardly to an area 46 in the body 2 forward of the wall 48 of the recess 50 in which the drum 6 is mounted. An expulsion aperture 52 is formed in the wall 48 of the recess forward of the cutting drum 6 through which any debris created by the cutting action of the blades 16 would be thrown by the rotating blades 16. The airflow W is directed within the body to a point 46A below the expulsion aperture 52 in the wall of the recess and is directed to be blown across the aperture 52 within the body in a direction W having an acute angle to the direction of travel of any debris (shown by Arrow T) in order to entrain the debris in the airflow within the body.

Please replace paragraph [0019] with the following amended paragraph:

[0019] When the deflector 26 is not located within the planer, the curved pivotal flap 200 is biased to a downward position indicated by reference letter Q. When the flap 200 is located in this position, it forms an upper wall for right half of the aperture 24 as viewed in figure 17 which is aligned with the upper wall 210 of the left hand side of the aperture 24 formed by the internal structure of the body 2 [to] of the planer to produce a continuous curved upper surface of the aperture 24. When the curved pivotal flap is in its downward position, it completely blocks the right hand entrance 212 to the aperture 24 from the chamber 214 where the air and entrained debris pass from the drum in order to be expelled.

Please replace paragraph [0021] with the following amended paragraph:

[0021] When an operator tries to insert the deflector 26 from the right-hand side of the planer as shown in figures 17 and 18, the curved second section 30 of the deflector 26 is prevented from entering the aperture 24 by the curved pivotal flap 200 being located in its lower position indicated by reference letter Q due to the biasing force of the spring. In order for an operator to insert the deflector 26 into the aperture 24, the operator pivots the curved pivotal flap 200 against biasing force of the spring from the position indicated by reference letter Q to the position indicated by reference letter S as shown in Figure 18. The operator can then insert the deflector 26 into the aperture 24. When the curved second section 30 of the deflector 26 is

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located within the body [to] of the planer, the curved pivotal flap 200 is sandwiched between the internal wall of the body to of the planer and the second section 30 of the deflector, the shape of the curved pivotal flap 200 again being such that it lies flush against the curved second section of the deflector 26.

Please replace paragraph [0025] with the following amended paragraph:

The receptacle 70 comprises [a] one end of an annular plastic ring 72 which surrounds a large circular aperture which forms [of] the entrance to the receptacle 70. The annular plastic ring 72 is divided lengthwise into two halves, a front half 74 having a diameter less than that of the [in the] diameter of the rim 66 of the dome shaped section 64 of the end cap section 60, and a second rear half 76 having a diameter equal to that of the outer diameter of the rim of the dome shape section 64 of the end cap section 60. A lip 78 is formed between the front and rear sections 74, 76 which abuts against the side of the rim of the dome shaped section 64 of the end cap section 60 when the end cap section is connected to the receptacle. Two pins 80 project radially outwardly from the surface of the front half. The pins are used as part of a bayonet connection to connect the end cap section to the receptacle by sliding into the L-shaped slot 68 formed in the rim 66 of the end cap section in connecting receptacle to the end cap section 60 in well known manner.

Please replace paragraph [0031] with the following amended paragraph:

[0031] Mounted within the rectangular plastic frame are two C shaped locking members 118 as shown in figure 11 which are used to lock the receptacle 102 to the end cap 100. The method of mounting is not shown. The two C shaped locking members 118 are mounted within the rectangular plastic frame 114 so that the ends 120 of each of the two arms of the C shaped locking members 118 face each other as shown in figure 11. Formed on the ends of the two arms of the two C shaped locking members 118 are pegs 122 which project outwardly. Helical springs 124 are mounted between the ends 120 of each pair of corresponding arms in order to bias the two C shaped locking members 118 outwardly away from each other as indicated by

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Arrows X. [Rod s] Rod 126 is mounted within the helical springs to keep the helical springs 124 in position. Holes are formed within the rectangular plastic frame to enable the fingers of an operator to engage with the two C shaped locking members to push them towards each other against the biasing force of the springs 124.